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TECHNICAL BULLETIN

**Volume 11. Issue 10
October 2003**

District 2's Special Granular Backfill changes name/unit

With the rewrite of the Standard Specification, the district has also rewritten their district specifications to meet the new format. One change that should be noted is Special Granular Backfill, Item 90345. This spec originated in D2 but became a statewide STSP. This spec was eliminated when the new 2003 STSP's were distributed by Central Office. Due to the large use this spec gets in D2, Design Administration decided that the spec is still needed, thus returning it as a District 2 Spec. The name has been changed to coincide with industry terminology. The unit of measure and payment has also changed to provide consistent methods of measuring and accepting this pay item. The new name and unit of pay is:

D-2 Spec

<u>Document #</u>	<u>Item Description</u>	<u>Unit</u>	<u>Bid Item Number</u>
209-2001	Backfill Slurry	CY	SPV.0035.____

District 2 Design Administration will be distributing this spec to in-house STSP book holders, consultants and municipalities in the very near future. If designers need the spec right away, please contact Scott Ahles at (262) 548-6894, scott.ahles@dot.state.wi.us or Kathy Bender at (262) 548-8799, kathy.bender@dot.state.wi.us.

Inside this issue:

Specifications Granular Backfill	1
Picture Question	1
Announcement Transport (PES)	2
Special Provisions 2004 Design Engineering Contract Revision to Requirements	2 3
Field Equipment Computer Hardware Computer Software SecurID Card	3 3 3
Projects 2004 Awards	4
Picture Answer	4

What's wrong with this picture?



**Answer to
Picture
Question
May be
Found on
Page 4**

Trns*port Proposal and Estimate System (PES)

IMPORTANT NOTICE for all Trns*port PES users. On November 15 and 16 the department will be upgrading their Oracle server from Oracle 8i to Oracle 9i. As a result all DOT and consultant staff will need to have their client machines running Trns*port PES upgraded to Oracle 9i. This is necessary to communicate with the database server. Your current version of Trns*port using Oracle 8i will not work with the Oracle 9i server. In addition an updated version of Trns*port PES is ready to be installed.

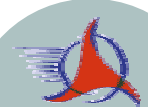
Consultants will be required to contact the district office that initially installed the Oracle 8i client and Trns*port PES last Winter/Spring to make arrangements to bring the pc into the district for the upgrade. The district will install the Oracle 9i client and Trns*port PES upgrade. Future Trns*port upgrades are intended to be installed by the consultants. How soon you contact the district will depend on your next PS&E submittal date and the need to use Trns*port PES. If you have a January 2004 PS&E submittal, you should make arrangements with the district soon to have your products upgraded.

The new 2004 design computer specifications will be posted on the extranet.

- <http://www.dot.wisconsin.gov/business/engrserv/engrelserv.htm>

If you do not have a Wisconsin User ID and password, you will need to create one.

- to access the consultant extranet page use the following
URL <http://www.dot.wisconsin.gov/business/engrserv/cauextranet.htm>



Consultant is responsible to provide field office with computer and printer that meet minimum specifications

Special Provision Revisions for 2004 Engineering Contract

The DEPARTMENT District Office will provide, initially install and support the following software and devices for the duration of the CONTRACT. After the completion of the CONTRACT, the CONSULTANT is required to remove this software and return any DEPARTMENT issued devices:

- Oracle 9i client²
- Trans*port Proposal Estimate System (PES) Client
- RSA SecurID® Card for WisDOT AS 5300 dial-in³

The CONSULTANT will be **required** to apply all software upgrades that occur during the duration of the CONTRACT.⁴ The DEPARTMENT will provide instructions to obtain and apply the upgrades. The CONSULTANT will be **required** to notify the DEPARTMENT district support person that the upgrades have been completed.

The CONSULTANT shall have all required software installed and functioning before delivering the computer to the DEPARTMENT District Office. The computer will have no programs running resident in memory that will interfere with DEPARTMENT applications. The CONSULTANT shall make an appointment with the DEPARTMENT district office prior to delivering their computer for the installation of DEPARTMENT software. The CONSULTANT will deliver the computer with the operating system software on CD to the DEPARTMENT District Office for loading of the DEPARTMENT supplied software and pick up computer once notified. The ACM support person at the DEPARTMENT District Office will need administrative access to the PC for software installation and configuration purposes. The DEPARTMENT District Office reserves the right to reject, at any time, any computer that proves to be incompatible with the DEPARTMENT supplied software.

Continued on Page 3

Special Provision Revisions for 2004 Engineering Contract

Continued from page 2

Revisions to previous requirements

¹ After June 30, 2004, DEPARTMENT software vendors will not support their applications under Microsoft Windows NT; however, the DEPARTMENT will provide limited support for d Microsoft Windows NT. The DEPARTMENT and the DEPARTMENT software vendors do not support Microsoft Windows XP Home Edition, Microsoft Windows ME, Microsoft Windows 98, or Microsoft Windows 95.

² The CONSULTANT will be responsible for removing any existing Oracle ODBC system data sources and completely uninstalling any previous versions of Oracle client on the PC unless Oracle 8i Client has been previously installed by the DEPARTMENT.

³ The CONSULTANT will be responsible for the cost of purchasing replacement RSA SecurID® cards if a card is lost or damaged. If the CONSULTANTS job duties change and the SecurID card is no longer needed, it is the CONSULTANT'S responsibility to contact the DEPARTMENT to transfer the card to another CONSULTANT or return it to the DEPARTMENT. It is breach of security to share DOT user IDs or SecurID cards.

⁴ The DEPARTMENT reserves the right to waive the requirement that the CONSULTANT install software upgrades.

Minimum Field hardware and software requirements

The Consultant will be responsible to provide the field office with a desktop personal computer or laptop and printer that meets the following minimum specifications:

Hardware requirements:

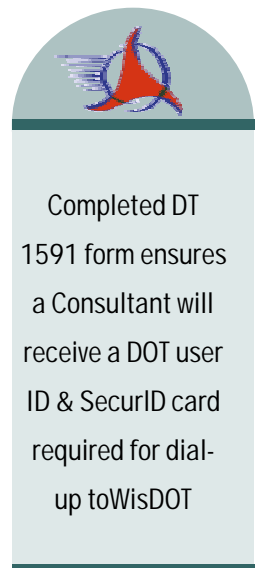
- Pentium III or Pentium-compatible processor, 550 Mhz minimum (Pentium IV recommended for Windows XP Professional)
- 256 MB RAM minimum (512 MB RAM recommended for Windows XP Professional)
- 1 GB free disk space on the C:\drive for the installation of DEPARTMENT software
- 3 1/2 1.44 MB diskette drive
- 24x CD-ROM drive (must be able to read CD-R and CD-RW disks)
- Mouse or other Windows compatible pointing device
- Super VGA (1024X768 pixels) or compatible screen display
- Internal or external 56k modem
- Windows compatible DeskJet, inkjet or LaserJet printer
- Surge protector for telephone lines and power cords

Software requirements

- Microsoft Windows XP Professional, Microsoft Windows 2000 or Microsoft Windows NT 4.0 at the latest service pack level with dial-up networking enabled (TCP/IP protocol only)
- Microsoft Office 2000 or Microsoft XP (only Word and Excel are required)
- Adobe Acrobat Reader, version 4.0 or higher
- WinZip, version 7.0 or higher
- Antivirus scanning software with up-to-date virus files to protect the workstation
- Internet browser and access (AOL cannot be used because the software interferes with DEPARTMENT software)
- Email access and provide the DEPARTMENT with an e-mail address for the project manager

Consultants who do not have a SecurID card

The CONSULTANT is required to contact the DEPARTMENT District Office **at least two weeks prior** to delivering their computer for the installation of DEPARTMENT software so a DT 1591 form can be approved by the PDS supervisor. The completed DT 1591 form ensures that the CONSULTANT will receive a DOT user ID and a SecurID card that is required for dial-up to WisDot.



2004 Project Awards

The time has come to consider projects for the 204 Design and Environmental awards. The deadline for the Construction Awards has past. Construction Administration is coordinating with D2's Project Development Section for eligible projects.

Design Awards

Categories for the Design Awards are the same as last year. Consultant or municipal designed projects will need approval by the District prior to submitting any nominations. These categories are as follows:

- Best Bridge by WisDOT
- Best Bridge by Consultant or Municipality
- Best Urban Project by WisDOT
- Best Urban Project by Consultant or Municipality
- Best Rural Project by WisDOT
- Best Rural Project by Consultant or Municipality

Projects Constructed in 2002 and 2003 would be eligible for the 2004 awards. Designers wishing to nominate a project for an award need to contact Scott Ahles at (262) 548-6894, scott.ahles@dot.state.wi.us, for the nomination screening documents. Screening Documents from WisDOT, consultant and municipal designers should be submitted to:

Scott Ahles
Wisconsin Department of Transportation, District 2
141 NW Barstow Street
P.O. Box 798
Waukesha, WI 53187-0798

Transportation District 2

WISDOT District 2
141 NW Barstow St.
PO Box 798
Waukesha WI 53187-0798
Phone 262 548 6729
Fax 262-548-6465
E-Mail: dtd2techbulletin@dot.state.wi.us
Visit our Web Site
<http://dtd-d2>
Click on the Technical
Bulletin Link



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Screening documents must be received by November 14, 2003. District 2 will evaluate all projects and select one project from each category for consideration at the statewide level. District 2 will provide the statewide nomination packets to the selected project's designers. Designers will need to develop and return the statewide nomination packets to Scott Ahles at the address shown above by January 5, 2004.

Environmental Excellence Awards

For information regarding the Environmental Awards, contact Dan Scudder at (608) 267-3615.

Answer to picture question on page 1

The hole adjacent to the pull box is a result of improper compaction of backfill around the structure. When backfilling any structure, the backfill material shall be placed in layers no more than 8 inches thick. Each layer shall be compacted prior to placing the next layer using engineer-approved compaction equipment. Backfill material may be end dumped into the excavation provided the material is spread around the structure in maximum 8-inch thick layers. This pertains to all structures.